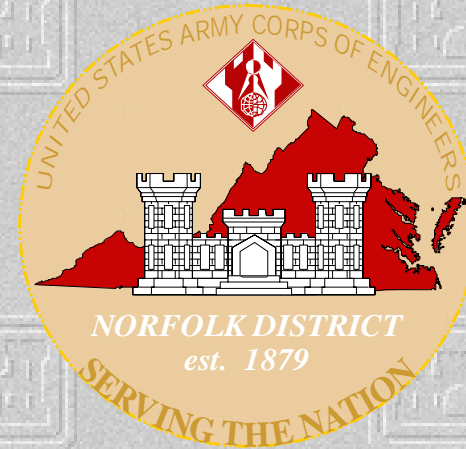


# Norfolk District Programs



**SAME Peninsula Post**

**5 October 2006**

**John L. Adams, P.E.**

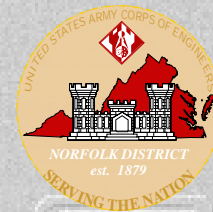
**Chief, Projects Branch**

**[John.L.Adams@usace.army.mil](mailto:John.L.Adams@usace.army.mil)**

**(757) 201-7328**



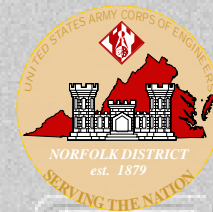
# Agenda



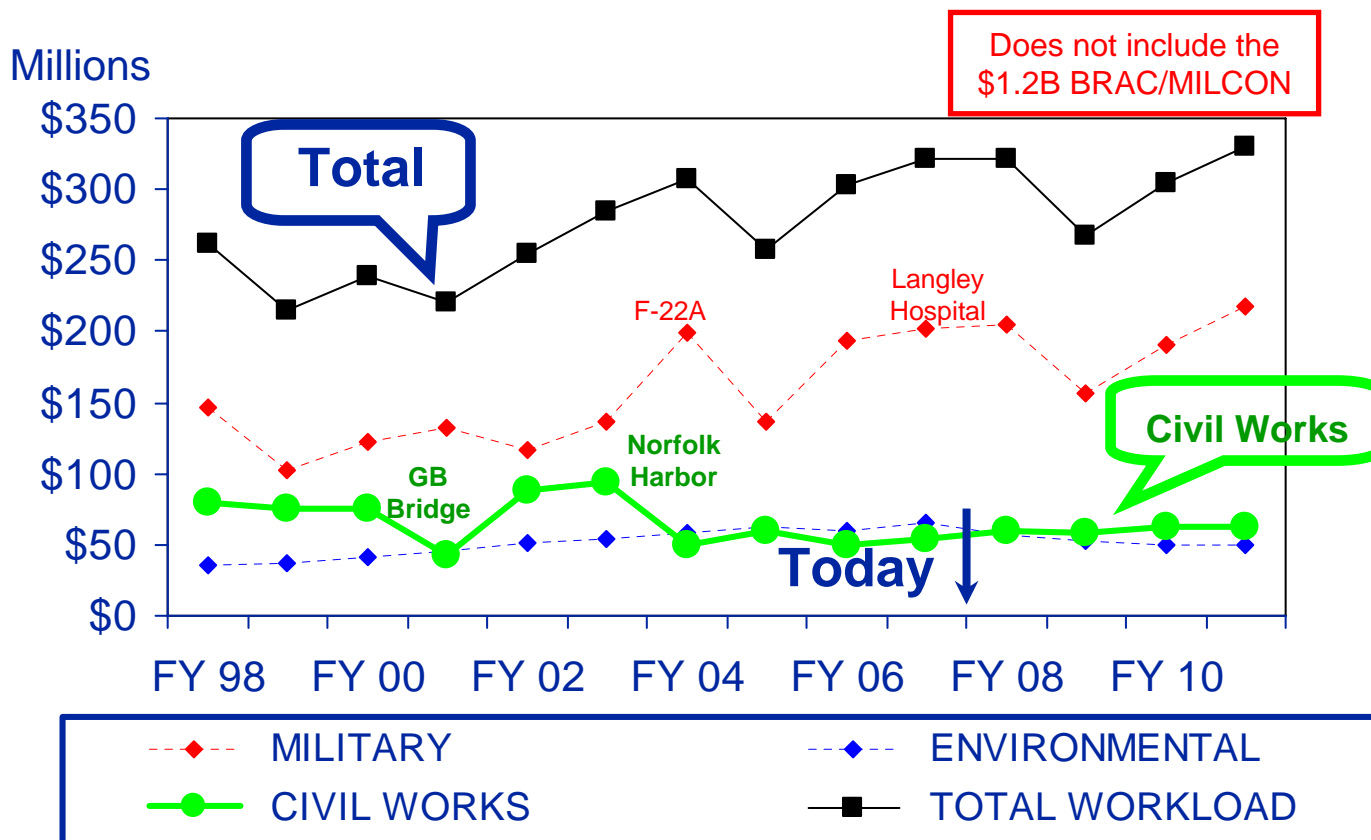
- ◆ Program
- ◆ Projects
- ◆ MILCON Transformation
- ◆ Centers of Standardization
- ◆ Execution



# Program



## Norfolk District - Total Workload by Programs

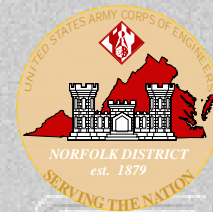


As of 03 Oct 06

SAME 5 October 2006



# Norfolk District BRAC05 Program



Millions

\$500

\$400

\$300

\$200

\$100

\$0

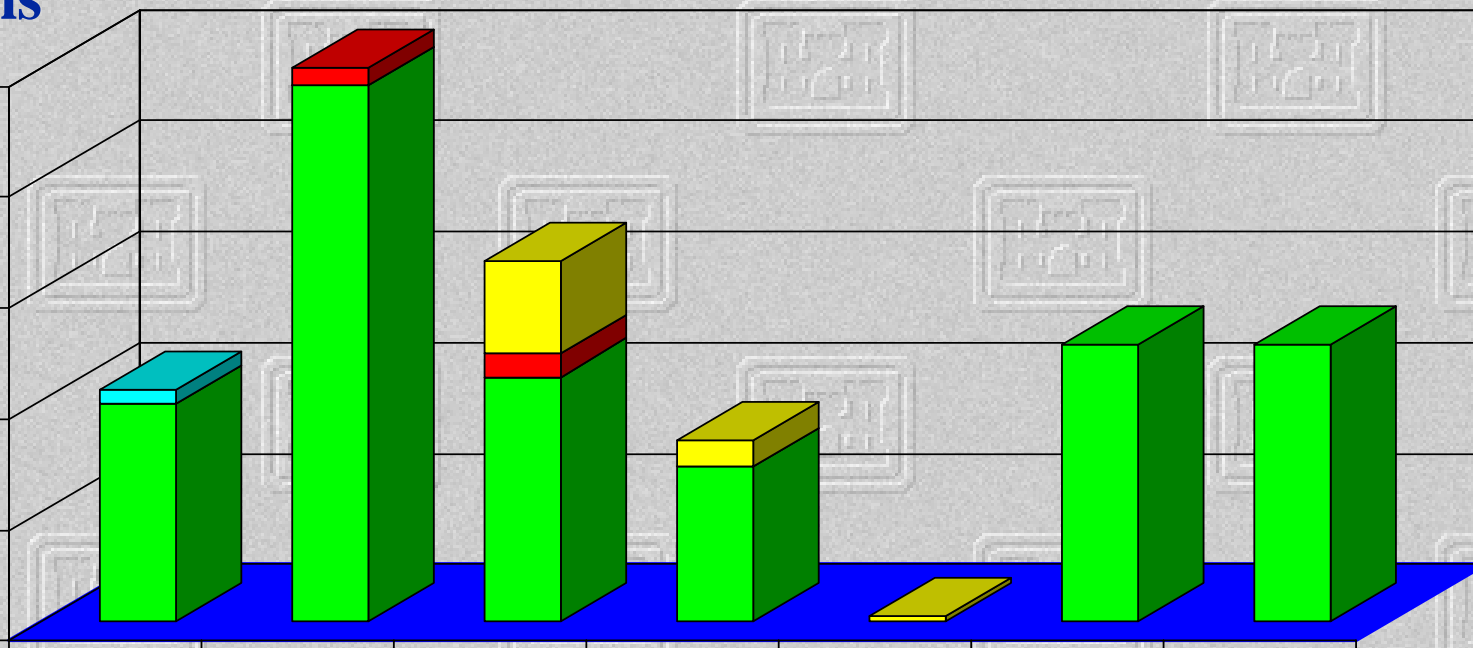
FY07 FY08 FY09 FY10 FY11 FY12 FY13

Lee

NGIC

Langley

Eustis





# NAO BRAC05 Program

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## •Fort Lee:

- FY07: \$197M Army
- FY08: Army; DOD; AF/Navy
- FY09: Army; DOD;
- FY10: Army; Medical

## •Fort Eustis:

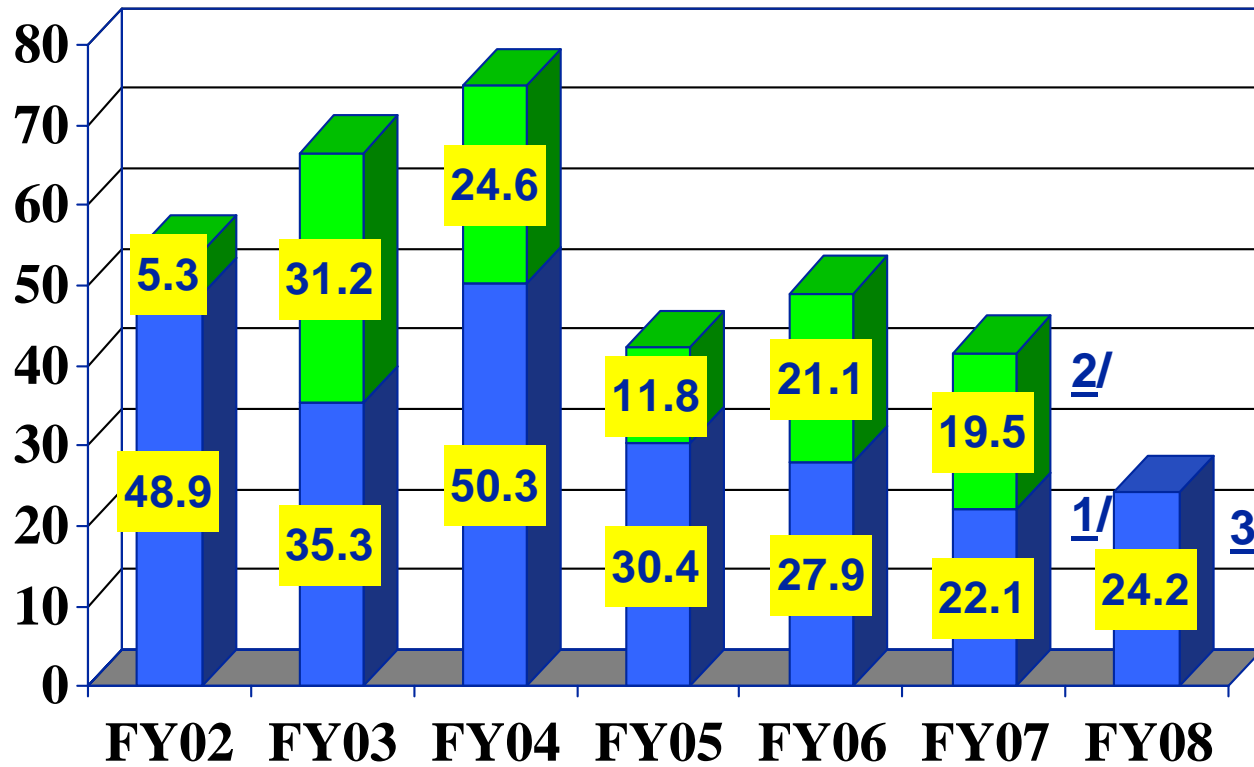
- FY09: Army
- FY10: Army

## •Langley: FY07: \$13M Air Force

## •NGIC: FY08/09: DOD



# Civil Works Program Trends & Future



1/ President's Budget  
2/ Potential Adds in House/Senate Mark-ups  
3/ Proposed Budget Submitted to OMB

■ Total Budgeted \$M    ■ Congressional Adds \$M



# Future Civil Works Projects



<b>Project/Location</b>	<b><u>Design</u></b>	<b><u>Const Advertise</u></b>	<b><u>Cost (\$M)</u></b>
• <b>Va Beach Erosion Control &amp; Hurricane Protection</b>			
- 79th Street Storm Water Outfall	U/W	FY07	5-8
- Renourishment	U/W	FY07	10-13
• <b>Willoughby Spit/Ocean View shore protection</b>	TBD	TBD	25-30
• <b>Combined Sewer Overflow, Richmond, Va</b>	U/W	TBD	25-30
• <b>Combined Sewer Overflow, Lynchburg, Va</b>	U/W	TBD	25-30
• <b>Lake Merriweather Dam, Goshen, Va</b>	U/W	TBD	5-10
• <b>Sandbridge Renourishment, Va Beach, Va</b>	U/W	FY07	5-10
• <b>Chesapeake Bay Environmental Program (multiple)</b>	U/W	Yearly	1-5
• <b>Deep Water Terminal, Richmond, VA</b>	U/W	FY07	1-5
• <b>AIW Bridge Replacement, Deep Creek, Chesapeake, VA</b>	U/W	FY08	25-30
• <b>Tangier Island, Jetty/Breakwater</b>	U/W	FY07	5-10



# Craney Island Expansion



## ◆ Project Background

- Craney Island (2500 acres) is federally owned and operated and is used by private interests, local municipalities, and Federal and Commonwealth Government agencies
- East Expansion construction cost is approx \$650M

## ◆ Current Status

- Final report has been forwarded to HQ for Chief's Report coordination
- Project is not included in the President's FY07 budget
- Non-Federal sponsor is coordinating with Congressional leaders concerning authorization language for pending WRDA



# Craney Island Schedule



## ◆ FY06 Work:

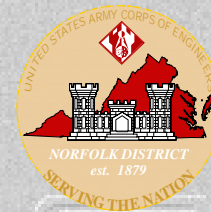
- FY06 funds are being used to complete the feasibility study and coordination of the Chief of Engineer's Report
- Due to new requirements to complete the coordination process, the District requires an additional \$175,000 of FY 2007 funds

## ◆ FY07 Work:

- FY07 funds could be used to complete the coordination for the Chief of Engineer's Report and to initiate project design (PED). Currently not in the FY07 President's Budget.



# Craney Island East Expansion





# Military Program



- Langley Air Force Base

- *Design*

- Distributed Ground Station, FY07 - \$47M
- Visitor's Quarters, FY07
- Logistic Support Center (BRAC), FY07 – \$13M
- Munitions Storage Complex PH2, FY10

- *Future*

- West and LaSalle Gates Force Protection, FY11
- Dormitory, FY12
- AFC2ISRC, FYLR



# Military Program



- **Fort Monroe**

- **Current**

- Developing the Environmental Condition of Property (ECP)
- Developing Appraisals on various land parcels.

- **Defense Supply Center Richmond**

- **Design**

- Replace Family Housing, FY07 - \$7M
- Whole House Renovation, FY05 - \$0.5M

- **Future**

- Repair/Replace Base-wide Electrical System, FY08,09,10
- Repair/Replace Base-wide Electrical System, FY08,09,10
- Engineering Center, FY10
- Operations Center, FY13



# Military Program



- Fort Lee

- *Design*

- Deployment Staging Area, FY07 - \$4M
    - DECA Addition (BRAC), FY07 - \$23M
    - Joint Culinary Schools (BRAC), FY08
    - Defense Contract Management Agency (BRAC), FY09
    - Combat Service Support Center Incr. 1, Ph 1 (BRAC) FY07 - \$197M
    - Combat Service Support Center Incr. 1, Ph 2 (BRAC) FY08
    - Combat Service Support Center Incr. 1, Ph 3 (BRAC) FY09
    - Combat Service Support Center Incr. 2, Ph 1 (BRAC) FY08
    - Combat Service Support Center Incr. 2, Ph 2 (BRAC) FY09
    - Combat Service Support Center Incr. 2, Ph 2 (BRAC) FY10
    - Consolidated Troop Health/Dental Clinic (BRAC) FY10

- *Future*

- BRAC FY-12/13 - \$550M
    - MCA Out Year - \$500M



# Military Program



- Fort Eustis

- *Design*

- TRADOC 4 Star HQ (BRAC), FY09

- *Future*

- IMA Eastern Region HQ (BRAC), FY10
    - Renovation for ACA and NETCOM (BRAC), FY10
    - Joint Task Force Civil Support (BRAC), FY10

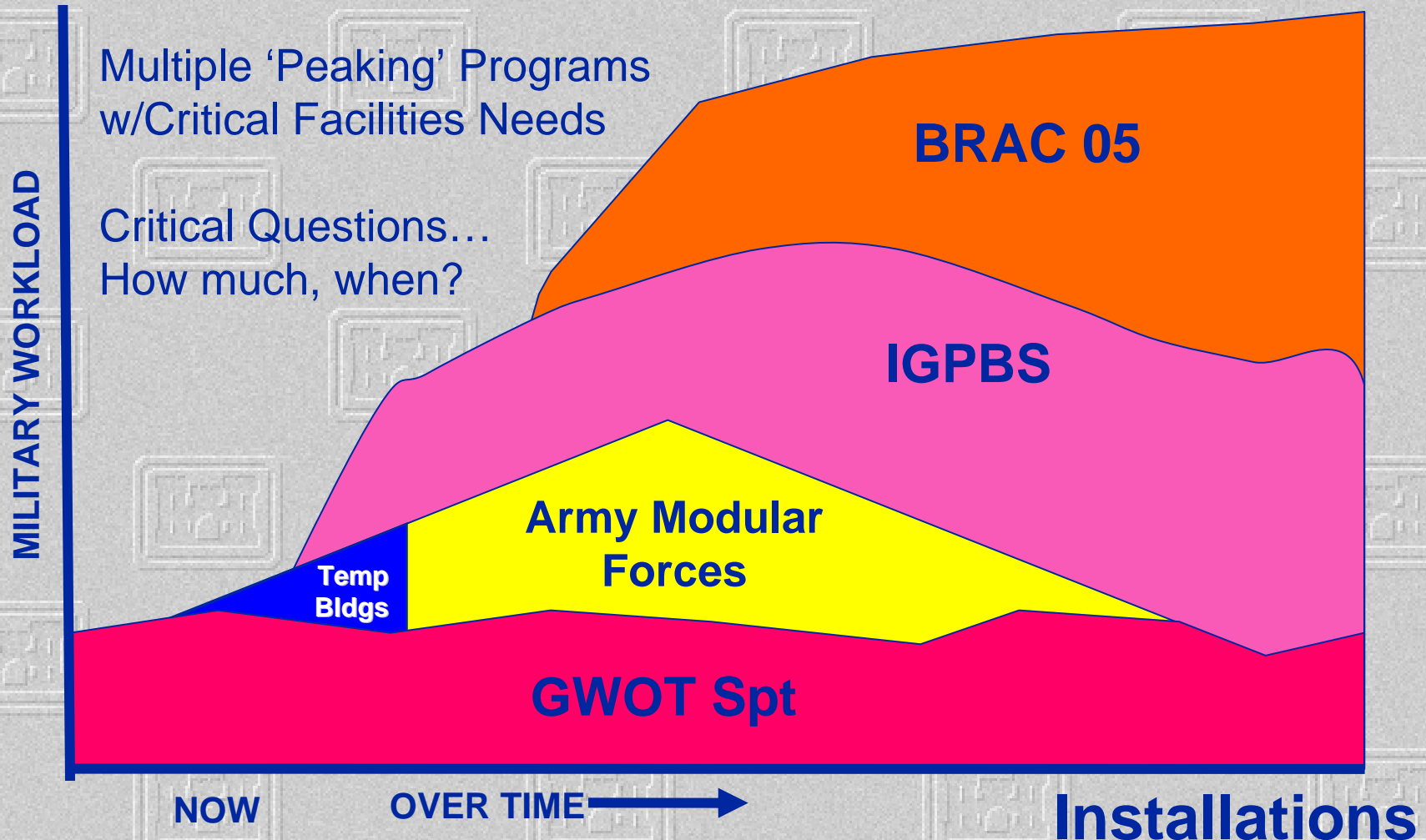
- NGIC

- *Design*

- Building Addition, FY11
    - DIA Joint Use Facility (BRAC), FY08/09



# Military Program





# MILCON Transformation



## Timeline to End-State (Getting to 15/30 Savings)


### ◆ FY2005 ... The Challenge

- ✓ Task from DASA(I&H) – Nov 2004
- ✓ Approval by VCSA to move out – Apr 2005
- ✓ Nationwide Industry Forums and strategy development – Spring/Summer 2005

### ◆ FY2006 ... Storming

- ✓ Pilot test the MT RFP (Design-Build)
- ✓ Restructure Centers of Standardization (CoS)
  - Establish responsibilities
  - Establish Regional IDIQ contracts

### ◆ FY2007 ... Forming

- ✓ Use MT RFP on all applicable Army projects
- ✓ CoS establish the “adapt-build” Regional models  contracts

### ◆ FY2008 ... Performing

- ✓ Utilize ‘adapt-build’ models



# MILCON Transformation Execution



- ◆ Phase I (FY06 – FY07)
  - ✓ Local/Regional Pilot Projects (FY06)
    - Ft Campbell: Barracks Complex, Glider Road (MCA)
    - Ft Bliss: BCT 1 and Infrastructure (BCA)
    - Ft Knox: Permanent Party Barracks (MCA)
    - Ft Carson: BCT (BCA)
    - Ft Riley: Division HQ/Sustainment Brigade HQ (BCA)
  - ✓ Utilize Model RFP
    - Provides consistent contracting mechanism throughout USACE
    - Provides for Life Cycle Cost, Maintainability, Durability, ATPF, Energy Efficiency, Sustainability, etc. (including Energy policy Act of 2005)
    - Mandatory use on all projects w/ Army Standard designs (deviation requires HQUSACE approval)
    - Usable on all others
    - Early results from pilots bearing out that 15/30 goal is achievable
  - ✓ MSC Regional Acquisition Plans
    - Local Districts execute facility contracts
    - Use as transition to DB/AB COS IDIQ contracts
  - ✓ Centers of Standardization (COS) are restructured
    - Standard Design development process begins
    - Acquisition Planning and establishment of COS Facility Specific Contracts



# MILCON Transformation Execution



- ◆ Phase II (FY08 Program and Beyond)
  - ✓ Centers of Standardization (COS) Regional contracts in place
    - Affect FY08 MCA/BCA
    - Primarily mission facilities and quality of life standard facilities
  - ✓ Standard designs are created and maintained
  - ✓ Movement away from the Model D-B RFP towards the site adapt model RFP
    - As alternatives are developed through DB acquisition in FY06-07
    - Low demand (volume) standard facilities may not warrant going “adapt-build”
  - ✓ Moving forward in meeting Army needs either through DB or “adapt-build”



# MILCON Transformation Execution



## Resource Effectiveness / Lessons Learned

- ◆ 15 percent cost savings w/100 percent scope can be achieved as in the award of the following projects
  - ✓ Aviation Barracks, Ft Campbell
  - ✓ Permanent Party Barracks, Ft Knox
  - ✓ Division HQ & Sustainment Brigade HQ, Ft Riley
- ◆ Use of Model RFP can make a difference in achieving full scope
- ◆ Continue to change culture: USACE, Garrisons and the Contractors
- ◆ Continue to capture Lessons-Learned and adapt as we go
- ◆ Need for reconciliation of standard design and the IDGs
- ◆ Must establish robust site and program integration capability



# Centers of Standardization Realignment – 6 March 2006



## ◆ **Huntsville Center (15)**

- Physical Fitness
- Outdoor Sports Facility
- Child Development (2)
- Youth Activity Centers
- Consolidated Fire, Safety and Security Facility
- Fire Station
- Army Community Service Center
- Bowling Center RFP
- Hazard Material Storage
- Close Combat Tactical Trainer
- Mil. Ops. Urban Terrain Facility
- Training Ranges
- Battle Cmd Training Ctr.
- Training Support Ctr.
- Medical Facilities

## ◆ **Louisville District/LRD (2)**

- Army Reserve Centers
- Operational Readiness Training Complex

## ◆ **Ft. Worth District/SWD (5)**

- Unaccompanied Enlisted Personnel Housing
- Basic Combat Training Complex/One Station Unit Trainee
- Advanced individual Training Complex
- General Purpose Warehouse
- Central Issue Warehouse

## ◆ **Honolulu District/POD (2)**

- Unaccompanied Officers Quarters
- Transient Officers Quarters



# Army Standard Facilities



Company Operations Facility  
Tactical Equipment Maintenance (Interim)  
Brigade/Battalion HQ: Admin (Interim)  
Unaccompanied Enlisted Personnel Housing  
Enlisted Personnel Dining Fac  
Physical Fitness  
Religious Facilities  
Child Development (1) Infant-Toddler  
(2) School-Age  
Outdoor Sports Facility  
Youth Activity Centers  
Fire, Safety and Security Facility  
Fire Station  
Army Community Service Center  
Bowling Center RFP  
Hazard Material Storage  
Close Combat Tactical Trainer  
Mil. Ops. Urban Terrain Facility  
Training Ranges  
Battle Cmd Training Ctr.  
Training Support Ctr.  
Medical Facilities  
Aviation - Vertical Constr  
4 Star HQ Facility

Army Reserve Centers  
Operational Readiness Training  
Complex  
General Instructional Facility  
Classroom 21  
Mil. Entrance Processing Stations  
Family Housing RFP  
Information Systems Facility  
Criminal Investigation Facility  
Access Control Points  
Brigade Operations Complex  
Cmd./Control Facility (C2F)  
Deployment Facility  
Unaccompanied Officers Quarters  
Transient Officers Quarters  
  
Basic Combat Trainee Complex/One  
Station Unit Trainee  
Advanced individual Trainee Complex  
General Purpose Warehouse  
Central Issue Warehouse

Green = completed or interim Blue = under development Black = under review



# Centers of Standardization Realignment – 6 March 2006



## ◆ Mobile District/SAD (2)

- Aviation – Vertical Construction
- 4 Star HQ Facility

## ◆ Savannah District/SAD (6)

- Company Operations Facility
- Tactical Equipment Maintenance
- Brigade Operations Complex
- Brigade/ Battalion HQ: Admin
- Cmd./Control : UEy and Corps (UEx) HQ:  
Admin/Operations
- Deployment Facility

## ◆ Norfolk District/NAD (7)

- General Instructional Facility
- Classroom 21
- Enlisted personnel Dining Facility
- Mil. Entrance Processing Stations
- Family Housing RFP
- Information Systems Facility
- Criminal Investigation Facility



# Current CoS Activities



- **Formation of Building Information Model (BIM) for Dining Facility**
- **BIM Training for In-House Designers**
- **Upgraded Hardware & Software to Support BIM**
- **Support of the MT Model RFP for FY-07 Program**
- **Market Research for CoS IDIQ Contracts**
- **Coordination With Other Districts on FY-07 & 08 Program**



# Norfolk District National CoS Workload



- **FY-07**

- Responding to Individual Requests for Support
- No Programmatic Information Available.

- **FY-08**

- Program \$350 million

- **FY-09**

- Program \$330 million

- **FY-10**

- Program \$190 million



# Design Services



## Current Multi-Disciplined IDC's

A/E Firm	Contract Amount	Expiration Date	NO. of Option Yrs	Current Option	Capacity Avail
McEntire	\$5M	2/24/2007	2	2nd Option	\$4.6M
Parsons Brinckerhoff	\$3M	9/11/2007	2	1st Option	\$2.3M
Govt Svc Int Proc	\$3M	6/2/2007	2	1st Option	\$2.3M
Clark Nexsen	\$3M	4/16/2007	2	1st Option	\$740K
RRMM	\$3M	2/20/2007	2	1st Option	\$2.9M
Schnabel	\$3M	11/7/2006	2	1st Option	\$2.8M
RTKL	\$3M	8/10/2007	2	2nd Option	\$2.7M
DJG	\$3M	6/17/2007	2	Base	\$2.5M
MMM	\$3M	9/18/2007	2	Base	\$3.0M
HSMM	\$3M	4/19/2007	2	Base	\$180K

- In-House design approx 25% of total program
- BRAC A-E Selections completed
- CoS Support A-E Selections under review
- Fed-Biz-Ops for all specialized large projects requiring a stand-alone design contract



# Construction Services



## •Establish Design-Build MATOC's for BRAC

- Unrestricted: Award up to five contracts (\$100M - \$200M capacity)
- Hub-Zone: Award up to five contracts (\$40M - \$50M capacity)
- FBO Announcement in mid-October 2006.
- Industry Day at Fort Lee first week of December 2006.

## •Establish Design Build MATOC's for COS

- MATOC's will be set up regionally for various facility types.
- FBO Announcement in February 2007.



# Questions - Comments

